

March 11/14  
MODIFIED 1.3  
AK  
To: W.SPRATLIN (EPA9761)  
From: T.MEIGGS (EPA2360) Posted: Thu 4-Sep-86 15:28 EDT Sys 63 (308)  
Subject: PCB Transmittal Attn: Arthur Spratlin

Dean F. Hill

September 4, 1986

Kenneth Wang

Results of PCB Analysis of Samples from  
Charles Buxton, Johnson Co., MO

On July 28, 1986 a sample was received under official custody seal from Region 7. This sample was from Charles Buxton, Johnson Co., MO and its project number was VII-86-T-626. Analysis was requested for polychlorinated biphenyls (PCBs).

The sample contained detectable levels of PCBs. The result is given below.

Sample Number	Type of Sample	Amount of Total PCBs	Major Aroclors Present
07108628500201	Pipe	9100 ug/830 cm2	1242, 1260

The pipe sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

A solvent blank was analyzed with the sample and it did not contain any significant interferences.

Since the entire pipe sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples



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SUPERFUND RECORDS

Dean F. Hill

September 4, 1986

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Results of PCB Analysis of Samples from  
Donald McCoy, Holden, MO

On July 28, 1986 two samples were received under official custody seal from Region 7. These samples were from Donald McCoy, Holden, MO and their project number was VII-86-T-625. Analysis was requested for polychlorinated biphenyls (PCBs).

One of the two samples contained detectable levels of weathered PCBs. The results are given below.

Sample Number	Type of Sample	Concentration or Amount of Total PCBs	Major Aroclors Present
07108628500101	Swab	ND	----
07108628500102	Debris	420 ug/g	weathered 1242, 1260

ND = None detected

The detection limit for the swab sample was 10 ug/100 cm<sup>2</sup>.

The debris result is given on a wet weight basis.

The swab sample was extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography. The debris sample was thoroughly mixed and a separate portion was extracted into hexane/acetone. The hexane was cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 07108628500103, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences. Sample -02 was spiked with 50 ug/g of Aroclor 1260 and the recovery was 88%. Sample -02 was analyzed in duplicate with the following result.

Sample	Concentration of Total PCBs. ug/g
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Results of PCB Analysis of Samples from  
Dwight Thomas, Johnson Co., MO

On July 28, 1986 two samples were received under official custody seal from Region 7. This sample was from Dwight Thomas, Johnson Co., MO and their project number was VII-86-T-629. Analysis was requested for polychlorinated biphenyls (PCBs).

All of the samples contained detectable levels of various PCBs. The results are given below.

Sample Number	Type of _Sample_	Amount of Total_PCBs	Major Aroclors ___Present___
071886285002-01	Swab	310 ug/100 cm2	1242, 1260
071886285002-02	Swab	10300 ug/100 cm2	1242, 1260

The swab samples were extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 071886285002-03, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences.

Since the entire swab sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples

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Results of PCB Analysis of Samples from  
Dwight Thomas, Johnson Co., MO

On July 28, 1986 two samples were received under official custody seal from Region 7. This sample was from Dwight Thomas, Johnson Co., MO and their project number was VII-86-T-629. Analysis was requested for polychlorinated biphenyls (PCBs).

All of the samples contained detectable levels of various PCBs. The results are given below.

Sample Number	Type of _Sample_	Amount of Total_PCBs	Major Aroclors ___Present___
071886285002-01	Swab	310 ug/100 cm2	1242, 1260
071886285002-02	Swab	10300 ug/100 cm2	1242, 1260

The swab samples were extracted with hexane which was then cleaned with sulfuric acid and analyzed by electron-capture gas chromatography.

Sample 071886285002-03, a swab blank, was received and analyzed with the samples and it did not contain any significant interferences.

Since the entire swab sample was used in the analysis, it was not possible to analyze any spiked or duplicated samples